

SMETANA, J.; VOSNIK, J.; RACUNBERG, E.; PAVLIK, F.

Cardiac resuscitation after asphyxic arrest in the dog. Rozhl.
chir. 41 no.1:5-11 Ja '62.

1. Ustav klihické a experimentalní chirurgie v Praze, reditel prof.
MUDr. B. Spacek, DrSc.;
(ANOXIA exper) (APHYLIA exper) (RESUSCITATION)
(HEART ARREST exper)

3

CZECHOSLOVAKIA

VOSKLIK, J; FACHTELLIG, E; SMIETANA, J.

Institute of Clinical and Experimental Surgery (Ustav klinické a experimentální chirurgie), Prague-Kro
(for all)

Brno, vnitřní lekarství, No 5, 1963, LP 473-478

Cardiac Massage Without Thoracotomy.

S/194/62/000/012/033/101
D201/D308

AUTHORS: Maly, Oldrich and Smetana, Josef

TITLE: A remote control device

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 12, 1962, 70, abstract 12-2-139 d (Czech. pat.,
cl. 21c, 46/51, no. 100301, June 15, 1961)

TEXT: A device for remote control is patented. The device consists of a transmitting potentiometer (P), the wiper of which is moved into a position corresponding to the required position of the controlled component. The latter is connected to the receiving P, the wiper of which is forced into the required position by the output mechanism controlled by the voltage difference between the contacts of the two potentiometers. The output mechanism forms the detector arm of a bridge formed by the two potentiometers. The circuit diagram of the device is given. 2 figures. [Abstracter's note: Complete translation.] ✓

Card 1/1

L 44805-66

ACC. NR. AP6006152 (A)

SOURCE CODE: CZ/0078/65/000/010/001V/0011

INVENTOR: Soucek, Jiri (Engineer; Benesov u Prahy); Hampl, K. (Vlasim); Smous, F. (Benesov u Prahy); Skvor, J. (Engineer; Uvaly); Bezoucka, V. (Pruhonice); Hrdlicka, J. (Prague); Pokorný, O. (Prague); Zavazal, Z. (Prague); Smetana, L. (Prague)

72
B

ORG: none

TITLE: [Thermal expansion compensator for semiconductor system] CZ Pat. No. PV
1827-64

SOURCE: Vynalezy, no. 10, 1965, 11

TOPIC TAGS: electrode, semiconductor device, thermal expansion

ABSTRACT: The electrode of the housing of a semiconductor system which is vacuum (hermetically) tight secured by means of the electrical insulating part to the base housing forming the other electrode which has positioned inside it a channel or duct sealed from the outside to which is introduced inside the housing a positioned expansion member constituting an electrical connection between the electrode and the semiconductor system feature in the device described here. The electrode and the semiconductor system feature in the device described here. The electrodes protrude from the housing in such a way that to the expansion member fixed to it can be secured deformation electrodes from the outside and that a conductor can be attached to them

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ACC NR: AP6006152

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from the outside. This arrangement is distinguished by the fact that the electrodes and the conductor connected to it are enclosed by the housing fixed to the conductor and the deformation electrode. The deformation of the housing at the point where it touches the electrode proceeds to such a depth that the electrode and expansion member are deformed simultaneously.

SUB CODE: 09 [REDACTED] / SUBM DATE: 31Mar64

Card 2/2 b1g

SMETANA, J.

geo 2⁵

Hydrological Abst.
vol. 4, No. 6
June 1953
Editor: Vojtech and
Vlach, Georg

4.6-182

551.570.4:551.501.4

Smetana, Jan (*Hydrologic Inst., Prague, Czechoslovakia*). Water: Analysis and utilization of data. (In: United Nations Scientific Conference on the Conservation and Utilization of Resources, Lake Success, N. Y. 1950, Proceedings, v. 4, Water resources, p. 78-80, 1951. fig.) DWB—The author proposes a rational classification of floods based on the frequency distribution, shows how to apply this method for practical use and gives a short report on hydrologic research and projects in Czechoslovakia. *Subject Headings:* 1. Flood classification. 2. Flood frequencies. 3. Data processing. 4. Czechoslovakia.—A.A.

SMETANA, JAN

Vybrane state z hydrodynamiky. ⁷ : ha, Statni pedagogicke nakl., 1953.
181 p. (Ucebni texty vysokych skol) ⁷ topics in hydrodynamics. bibl.,
diags. ⁷

SO: Monthly List of East European Russian Accessions, Vol. 3, No. 3
Library of Congress, March 1957, Uncl.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2

1. (b) (5) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

2. (b) (5) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2"

SMETANA, J.

2
14 E 1st

✓ 4110. A SUBMINIATURE TUNING CAPACITOR WITH THERMAL COMPENSATION. J.Smetana.

Slaboproudý Obzor, Vol. 17, No. 12, 702-5 (1956). In Czech.
The basic capacitor has a cross-section of 20 x 23.5 mm and an axial length of 15 mm. Its capacitance is 100 pF maximum and 6.5 pF minimum, while the weight is 25 gm. A split-stator arrangement is possible and this has a maximum capacitance of 20 pF. The thickness of the capacitor plates is 0.2 mm and their spacing is either 0.16 mm (for 100 V operation), or 0.2 mm (for 250 V). A number of basic units can be ganged and driven by a common shaft. Thermal compensation is achieved by adopting different thermal expansion coefficients for the capacitor plates and their supports. By this means the thermal capacitance coefficient could be reduced to $30 \cdot 10^{-6}$ parts per deg C. The rotor shaft and the stator supports are made of low-loss steatite. R.S.Bidorowicz

Tedmu
007

Distr: 4E2d

Book—249. Smetana, L., Hydraulics, II [Hydraulika, II] Praha,
Nakladatelství Československé Akademie věd, 1957, xx + 490 pp.

Second volume of the treatise is dedicated to 250th anniversary
of the technical school in Prague. It covers nonuniform flow,
orifices and weirs, hydraulic jumps, unsteady flow through orifices,
unsteady flow in open channels, water impact and surge reservoirs,
potential flow, flow net, electric analogy, conformal transformation
flow through porous media. Both Russian and European views are
presented; some American methods are also included.

19 Book is written for advanced students and perfectly edited; few
errors are to be corrected, such as Uginčus instead of Ugnīžus,
Gluākov instead of Glučkov. It is one of the most modern European
books on hydraulics. Bibliography contains 196 titles in all
languages.

S. Kolupaila, USA

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1

Ady

83 RPS

CHARTA, S.

Nuclear energy in the balance sheet of electric-power production in Czechoslovakia.
n. 2/82.

JAVOŘÍČEK M. (Ministerstvo energetiky)
Praha, Czechoslovakia Vol. 1, no. 6, Aug. 1982

Monthly List of East European Accession, (EMI), EG, Vol. 1, No. 12, Dec. 1959
Uncl.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2

PATENTBLATT 8 MAY 1968

Smetana, Josef



APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2"

SMETANA, Karel

Further contribution to studies of the difference in the morphology
of the nuclei of mature white blood corpuscles in the peripheral
human blood. Cs morfologi 8 no.2:158-163 '60. (EEAI 9:8)

1. Histologicky ustav fakulty vseobecneho lekarstvi Karlovy
university, Prague. Prednosta akademik Jan Wolf.
(BLCOD)

IVANYI, P.; SOUKUPOVA, M.; ONDRUS, B.; CZAMBELOVA, A.; UJHELYIOVA, M.;
SMETANA, K.

Experimental fetal erythroblastosis in rabbits produced by passive
immunization of the female with immune iso-agglutinins. Bratisl. Lek.
Listy 2 no.11:633-647 '61.

1. Z Okresnej transfuznej stanice pri OUNZ v Nitre, prednosta MUDr.
Czambelova, z Biologickeho ustavu Lek. fak. KU v Prahe, prednosta
prof. MUDr. B. Sekla, z Patologickoanatomickeho ustavu Lek. fak. Univ.
Komenskeho v Bratislave, prednosta doc. MUDr. M. Brozman, a z Histologic-
keho ustavu Lek. fak. KU v Prahe, prednosta prof. MUDr. J. Wolf.

(ERYTHROBLASTOSIS FETAL exper)

SMETANA, K.

A further contribution to the question of the incidence of nucleoli
in the nuclei of mature lymphocytes in man. Folia biol. 7 no.4:268-
274 '61.

1. Department of Histology, Faculty of General Medicine, Charles
University, Prague.
(LYMPHOCYTES anat. & histol.)
(CELL NUCLEUS anat. & histol.)

HERMANSKY, Fr.; SMETANA, K.; POSSNEROVA, V.

Role of cytochemical investigation methods in pathophysiology of
the leukocytes. Cas.lek.cesk 100 no.10:289-295 10 Mr '61.

I. Laborator pro patofysiologii krvetvorby a jater pri I. int.
klinice v Praze, prednosta prof. dr. V. Hoenig a histologicky ustan
KU v Praze, prednosta akademik J. Wolf.

(LEUKOCYTES metab)

SMETANA, K.; JAHLE, J.; KAFKA, V.

The nucleolar coefficient of the lymphocytes in the peripheral blood
in women with carcinoma of the genitalia. Folia biol. 8 no.6:390-395
'62.

1. Electron Microscopy Laboratory of the Czechoslovak Academy of Sciences;
Department of Haematology, Faculty Hospital, Prague 10, Gynaecology and
Maternity Clinic of the Faculty of Medical Hygiene, Charles University,
Prague.

(GYNECOLOGIC NEOPLASMS) (LYMPHOCYTES)
(NEOPLASMS METASTASIS)

SMETANA, K.; HERMANSKY, F.; POSSNEROVA, V.

Nucleolar coefficient and glycogen content of lymphocytes in chronic lymphadenoses. Neoplasma 9 no.6:549-554 '62.

1. Institute of Histology, Faculty of General Medicine, Charles University,
Prague; Laboratory of Pathophysiology of the Haemopoietic System and
Liver, First Department of Medicine, Charles University.
(LEUKEMIA LYMPHOCYTIC) (CELL NUCLEUS)
(LYMPHOCYTES) (GLYCOGEN)

SMETANA, Karel; HERMANSKY, Frantisek; ARIENT, Miloslav

Studies on the ultrastructure of human eosinophilic leukocytes in peripheral blood. Cas. lek. cesk. 101 no.42:1265-1268 19 0 '62.

1. Laborator elektronove mikroskopie Vyzkumneho ustavu experimentalni terapie, reditel doc. dr. O. Smahel. Histologicky ustav fakulty vseobecneho lekarstvi KU v Praze prednosta akademik J. Wolf. Laborator pro patofyziologii jater a krvetvorby pri I. interni klinice KU v Praze, prednosta prof. dr. V. Hoenig. Hematologicke oddeleni Ustredni vojenske nemocnice, Praha-Stresovice.
(EOSINOPHILS)

SMETANA, K.; HERMANSKY, F.

A contribution to the knowledge of the ultrastructure of
leukaemic lymphocytes. Neoplasma 10 no.4:405-411 '63.

1. Department of Pharmacology and Biochemistry, Baylor University
College of Medicine, Houston, U.S.A., Laboratory of Electron
Microscopy, CSAV, Laboratory of Haematology and Liver Diseases
First Medical Clinic, Charles University, Prague, CSSR.
(LYMPHOCYTES) (LEUKEMIA) (MEASLES)
(CELL NUCLEUS) (PATHOLOGY)

SMETANA, Karel; JANOVSKY, Milos

Nucleolar coefficient in lymphocytes of the peripheral blood in infants.
Cesk. morf. 11 no.2:131-134 '63.

1. Laborator elektronove mikroskopie CSAV v Praze, prednosta akademik
Jan Wolf, Ustav pro peci o matku a dite Praha-Podoli, reditel doc.
M. Vojta, vedouci ped. useku doc. K. Polacek.
(LYMPHOCYTES) (CELL NUCLEUS)

POMERANCIK, M.; CHETKINA, E.; WIERNOWA, E.

The nucleolar coefficient of the lymphocytes in the peripheral blood of patients with Hodgkin's disease. Neoplasma (Bratisl) 12 no. 2:205-213 '65.

1. Central Military Hospital, Prague; Laboratory of Electron Microscopy and Experimental Morphology, Czechoslovak Academy of Sciences, Prague, Czechoslovakia.

SMETANA, L.M., starshiy prepodavatel'

Influence of compression on the quality of dressing materials.
Apt.delo 9 no.1:34-38 Ja-7 '60. (MIRA 13:6)

1. Iz Khar'kovskogo farmatsevticheskogo instituta.
(BANDAGES AND BANDAGING)

SMETANA, L.M.

Prospect for decreasing the amount of medical dressing materials.
Farmatsev. zhur. 15 no.6: 56-60 '60. (MIRA 14:11)

1. Khar'kovskiy farmatsevticheskiy institut.
(BANDAGES AND BANDAGING)

SMETANA, L.M.; SOLON'KO, V.M.

Outlook for the reduction of the size of bandages. Report No.2.
Farmatsev. zhur. 16 no.1:59-63 '61. (MIRA 17:8)

1. Khar'kovskiy farmatsevticheskiy institut.

SC7/25-59-7-20/53

17(12)

AUTHOR: Smetana, M. (CIS)

TITLE: Perspective Research

PERIODICAL: Nauka i zhizn', 1959, Nr 7, p 68 (USSR)

ABSTRACT: The article describes new, improved types of the aureomycin drug, aureomycin citrate and aureomycin tartrate, developed by Doctor K. Verner of the Institute of Biology of the Czechoslovak Academy of Sciences. They differ from the conventional aureomycin insofar as they no longer exercise an impeding effect on such digestive enzymes as amylase and lipase, thus eliminating digestive disorders caused by conventional aureomycin. The new antibiotics are also better absorbed by blood, therefore aureomycin doses can be cut by half. The additional plus points are: the human organism is less overloaded with antibiotics, the microflora equilibrium in the large intestines is less affected, and a considerable

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SCV/25-59-7-30/53

Perspective Research

saving can be achieved which - according to Academician I. Charvát - may reach as much as 50-75 million Czech crowns per year. The new aureomycin drugs are also good for the mucous membranes of the intestines as well as for post-operative and other shock conditions. The new aureomycin drugs were tested by Docent and Doctor Malek and I. Kolec of the Institute of Clinical and Experimental Surgery.

Card 2/2

SMETANA, MIROSLAV

Continuous fluid carbonation. *Miroslav Smetana, Liby*
akova, 71, 17(1955); cf. Dolinek, ibid. 70, 189(1954).—
The advantages of continuous carbonation are discussed.
It is recommended to carbonate to a higher than optimal
alky to reduce the possibility of overcarbonation.
Alexej B. Bojkovec

SMETANA, Miroslav

Scientific cooperation between socialist countries. Musz elet
17 no.5:2 Mr '62.

SMETANA, O.

SCIENCE

Periodicals: Ceskoslovenska spolecnost entomologicka. CASOPIS. ACTA
SOCIETATIS ENTOMOLOGICAE CECOSLOVENIAE. Vol. 52, 1955

SMETANA, O. Bibliography of Czechoslovak entomologic studies during the
year 1953. p. 211.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No.5,
Unclass May 1959

SLAVIK, K.; SMETANA, R.

Effect of nucleic acids on proteinases [with summary in English].
Sbor.Chekh.khim.rab. 18 no.4:560-568 Ag '53. (MLRA 7:6)

1. Central Laboratory and Laboratory of the Third Clinic of Internal
Medicine, the State Faculty Hospital, Prague. (Nucleic acid) (Proteinase)

SMETANA R.

The effect of nucleic acids on proteinases. p.253
(Chemical Listy. Vol. 47, No 2, Feb. 1953) Czechoslovakia

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress,
August 1953, Incl.

CZECH

The effect of rivanol on plasma proteins. Jaroslav Horejší and Rudolf Smetana. Collection Czechoslov. Chem. Commun., 17, 1315-17 (1954) (in Russian).—See C.A. 48, 11610c. E. J. Clegg.

SMETANA, RADIM

The effect of rivanol on plasma proteins. Jaroslav
Hofejš and Radim Smetana (Fakultní nemocnice, Praha).
Listy Československého chemického spolku. Rivanol (I) (2-ethoxy-8,9-dimethoxyacridine lactate) was successfully used for partial fractionation of blood proteins. A method is described for the prepa. of γ -globulin from human serum or plasma. To 1 vol. human serum are added 3 vols. 0.4% soln. of I. The plasma is pptd., after being brought to pH 7.6-7.8 with aq. Na₂CO₃, with 4 vols. 0.3% I. The pptn. is carried out at room temp., the ppt. centrifuged after 10-15 min., the liquid decolorized with charcoal, and the filtrate either concd. by lyophilization, or neutralized to pH 6.9, and the solid γ -globulin pptd. with 25% EtOH at -5°. Yield 96-98% γ -globulin. Biol., chem., and physicochem. tests showed no protein denaturation after pptn. with I.
M. Hudlický

SMETANA, R.; HRUZA, Z.; KORINEK, J.

Paper electrophoresis of liver proteins in rats exposed to hunger.
Cesk. fysiolog. 6 no.3:337-340 Aug 57.

1. Ustredni laborator FM I. a laborator pro fysiologii a pathofysiologii
premeny latek CSAV, Praha.

(LIVER, metabolism,
proteins, eff. of hunger in rats (Cx))

(PROTEINS, metabolism,
liver, eff. of hunger in rats (Cx))

(HUNGER,
eff. on liver proteins in rats (Cx))

CZECHOSLOVAKIA/General Problems of Pathology - Shock

U.

Abs Jour : Ref Zhur - Biol., N 2, 1959, 8632

each intraperitoneally and then were killed on the 1st-
4th day. The liver was treated in the same way. The
electrophoregrams after various intervals did not differ
from one another either. A decrease was noted in the
quantity of alpha₂, gamma- and beta₂-globulins and an
increase in the beta₁-globulins. -2 V.V. Yazvikov

Card 2/2

Czechoslovakia/General Problems of Pathology - Shock

U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84800

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651420019-2"

Author : Hruza, Z., Smetana, R.

Inst : No institute is given

Title : Changes in the Electrophoretic Pattern of Liver Pro-
teins in Traumatic Shock and with the Subsequent In-
jection of Tetrachlormethane

Orig Pub : Physiol. bohemosl., 1957, Vol. 6, No. 4, 533-538

Abstract : No abstract is given

Card 1/1

SMETANA, R.; PALUSKA, M.

Immunoelectrophoretic examination of blood proteins in relation to
liver proteins in rats. Acta univ. carol. [med.] Suppl. 14:111-116
'61.

1. Ustredni laboratoire F.N.I., Praha, prednosta dr. J. Hrabane Ustav
hematologie a krevni transfuse v Praze, prednosta prof. dr. J. Horjsi.
(ELECTROPHORESIS) (BLOOD PROTEINS chem)
(LIVER chem) (PROTEINS chem)

SMETANA R.

CZECHOSLOVAKIA

no academic degree indicated

Central Laboratory for Pharmacology, Institute for Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences (Zentrales Laboratorium fur Pharmakologie, Institut fur organische Chemie und Biochemie, Tschechoslowakische Akademie der Wissenschaften), Prague

Prague, Collection of Czechoslovak Chemical Communications, vol 27, No 10, Oct 62, pp 2419-2425.

"Fluorimetric Adrenalin and Noradrenalin Determination in Cells By Means of Photography in a Simple Instrument"

Co-author:

DLOHOZKA, J., Central Laboratory for Pharmacology, Institute for Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

SMETANA, R.; DLOHOZKA, J.

Fluorimetric determination of adrenaline and noradrenaline in tissues
by a simple photographic device. Coll Cz chem 27 no.10:2419-2426
O '62.

1. Zentrales Laboratorium fur Pharmakologie, Institut fur organische
Chemie und Biochemie, Tschechoslowakische Akademie der
Wissenschaften, Prag.

KREBS, Vlastimil; SMETANA, Radim

Construction of a sensitive fluorometer. Chem listy 58 no. 2:
230-231 F '64.

1. Farmakologicky ustav, Ceskoslovenska akademie ved, Praha.

L 13225-66

EWP(j)/EWA(c)

RM

SOURCE CODE: CZ/0053/65/014/004/0312/0312

ACC NR: AP6006081

AUTHOR: Smetana, R.; Novotny, J.; Raskova, H.; Janku, I.

ORG: Institute of Pharmacology, CSAV, Prague (Farmakologicky ustav CSAV)

TITLE: Comparative studies of the deamination of 6-azacytidine / [This paper was
presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 312

TOPIC TAGS: biologic metabolism, experiment animal, heterocyclic base compound,
organic nitrogen compound, biochemistryABSTRACT: Study of metabolism of 6-azacytidine in vivo (urinary metabolism)
and in tissue homogenates in mice, rats, guinea pigs, dogs, rabbits and cats
indicates deamination to 6-azauridine, which is then excreted; 25-38% of
the dose in all but rats (4%); the latter animals had no organ with pronounced
deamination activity; in the other animal studies, deamination occurred in
the liver, ileum and kidneys primarily. 6-azacytidine seems to cause all
the effects mainly through its metabolite, 6-azauridine. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 005

Card 1/1 OF

Z

S. 196 (APR) 57

BALÍK, F.; SMETANAY, J.

Metastases of pulmonary carcinoma to the brain. Bratisl.lek.listy
35 no.7:415-426 15 Apr 55.

1. Z Neurologickej kliniky LFUK v Bratislave, prednosta clen
korespondent SAV J. Černáček.

(BRAIN, neoplasms,
metastatic from pulm. carcinoma)

(LUNGS, neoplasms,
metastatic to brain)

BUR'YA, Yu.; VASIL'YEVSKAYA, O.; KOBZIKOVA, Ye.; SMETANENKO, Ye.; SHMATOVA, M.

Sterilization of milk by high-frequency currents. Moloch, prom. 18 no.4:
27-29 '57. (MLRA 10:4)
(Milk--Sterilisation) (Electric currents) (Conveying machinery)

SMETANENKO, Ye.; UVAROVA, O.

The "OZK" automatic packaging machine for small cheeses. Moloch.
(MLRA 10:6)
pron. 18 no. 6:12-14 '57.

1. Moskovskiy mel'shchay kombinat imeni Gor'kogo.
(Cheese)
(Packaging machinery)

ABRAMCHUK, Ye.N.; SMETANICH, V.S.

Mozhaysk Reservoir. Priroda 49 no.8:70-73 Ag '60. (MIRA 13:8)

1. Gidroenergoproekt, Moskva.
(Mozhaysk Reservoir)

SMETANICH, V., starshiy inzh.

Conference of young designers. MTG 3 no.12:54 D '61. (MIRA 15:1)

1. Gidroenergoprojekt, chlen nauchno-tehnicheskogo obshchestva
Gidroenergoprojekta.
(Hydroelectric power stations)

SMETANICH, V.S.

Why the Kama River does not freeze in the Perm region. Priroda
50 no.12:111-112 D '61. (MIRA 14:12)

1. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy
institut Ministerstva elektrostantsiy SSSR, Moskva.
(Kama River--Ice on rivers, lakes, etc.)

AVAKYAN, A.B.; SMETANICH, V.S.; SHAFIRO, L.N.; SHARAPOV, V.A.

Reservoirs of the U.S.S.R. and the prospects for their construction.
Vop. geog. no.57:58-77 '62. (MIRA 15:10)
(Reservoirs) (Hydraulic engineering)

SMETANICH, V.S.

Influence of the Kama Hydroelectric Power Station and its
reservoir on the geography of the water transportation of
Kama Province. Vop. geog. no.61:61-73 '63. (MIRA 16:6)

(Kama Hydroelectric Power Station)
(Perm Province—Inland water transportation)

SMETANICH, V.S.

Several problems in regulating the Ural River runoff in the
eastern part of Orenburg Province. Izv.Vses.geog.ob-va 95 no.1:
79-83 Ja-F '63. (MIRA 16:4)
(Ural River (Orenburg Province)--Runoff)

SMETANICH, V.S. (Moskva)

Oil from the bottom of the artificial sea. Priroda 53 no.2:
(MIRA 17:2)
121-122 '64.

RETANICH, Vadim Sergeevich; KUNISHOV, G.A., red.

[rybinsk Reservoir; annotated list of literature] Rybinskoe vodokhranilishche; annotirovannyi ukazatel' literatury. Jaroslavl' Jaroslavskoe knizhnoe izd-vo, 1961.
79 p. (MIRA 17:10)

SMETANICH, V.S.

New literature on Rybinsk Reservoir. Trudy Inst. biol. vnutr.
vod no.6:309-317 '63. (MIRA 18:1)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2

SMETANICH, V.S.

Perm Province calendar-reference books. Izv. Vses. geog. obshch.
96 no.3:263 '64 (MIRA 17:8)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2"

SNETAREN, V.S.

water for Moscow, Priroda 54 no.2:122 p 1c5.

(MIRA 18:10)

1. Vsesyuznyy proyektno-izyskateльskiy i nauchno-issledovatel'skiy
institut "Gidroproyekt" im. S.Ya.Znaka, Moskva.

69772

S/155/59/000/02/013/036

16, 0200

AUTHOR: Smetanich, Ya.S.

TITLE: On a Property of the Formulas of the Constructive Propositional Calculus Which Depend on a Variable

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1959, No. 2, pp. 74-77

TEXT: The author considers the constructive propositional calculus described by N.N. Vorob'yev (Ref. 2) in the form of a formal system. Let A denote an elementary variable, $\mathcal{C}(A)$ a formula which only depends on the variable A. The author proves the following theorem: From $\vdash (\mathcal{C}(A) \sim A)$ it follows either $\vdash (\mathcal{C}(A) \sim A)$ or $(\mathcal{C}(A) \sim \gg A)$.

The proof is based on eight lemmata.

There are 3 references: 1 Soviet and 2 American.

ASSOCIATION: Moskovskiy gorodskoy pedagogicheskiy institut imeni V.P. Potemkina (Moscow Municipal Pedagogical Institute imeni V.P. Potemkin)

SUPMITTED: January 26, 1959

✓

Card 1/1

16.02.00S/550/60/009/000/003/008
D218/D305AUTHOR: Smetanich, Ya.S. (Birsk)TITLE: On the completeness of enumerations of expressions,
with the additional one-variable operationSOURCE: Moskovskoye matematicheskoye ooshestvo, Trudy,
v.9, 1960, 357-371

TEXT: The results of this article were reported to a session of the Moscow Mathematical Association on March 15, 1960. Let T be a constructive enumeration of expressions. Enumeration of expressions is defined as a formal system containing variable criteria denoted by a, b, ... x and logical operations: V, ^, /, \, i.e. disjunction, conjunction, implication and negation respectively. Subjects of investigation are formulae, denoted by gothic A, B, ... X. Axioms of enumeration contain all T-axioms and some formulae. Yas'kovskiy matrices I_n are now introduced. Let I_n be a class of formulae identical in the matrix I_n ($n = 0, 1, \dots$). If enumeration of ex-

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D218/D305

On the completeness of enumerations ...

pressions G_n , whose axioms correspond to a class of formulae I_n ; itself corresponds to I_n , then \bar{I}_n corresponds to the class of all demonstrable formulae in G_n . The following additions are made: To logical operations of G a one-variable operation φ is added, and if \mathfrak{X} is a formula, then $\varphi(\mathfrak{X})$ is a formula. Also to G axioms some new axioms are added which are formulae in a general sense. Those new axioms are called φ -axioms. The resulting enumeration will be called enumeration of expressions with additional operation, and will be denoted by G^φ where G^φ is a multivalued function of G . Derivation method in G^φ will be the same as in G . A formula \mathfrak{X} of G^φ will be called a formula of pure logic, if it does not contain φ . G^φ will be consistent if any formula of pure logic demonstrable in G^φ is demonstrable in G , and inconsistency in and of G^φ is defined analogically. G^φ will be complete, if the addition of any axiomatic formula non-demonstrable in G^φ to axioms of G^φ , results in contradiction. Let H be some definite enumeration G^φ and $\varphi(x)$ be an arbitrary pure logical formula. Then φ -axioms of H determine H if the addition of axiomatic scheme $\varphi(x) \sim \mathfrak{B}(x)$ to H leads to con-

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D218/D305

On the completeness of enumerations ...

The author first investigates formula T dependent on one variable, stating and proving 13 lemmas and one theorem (No. 1): Let $\mathfrak{X}(a)$ be any formula. Then, either $\vdash \mathfrak{X}(a)$ or $\models (\mathfrak{X}(a) \sim 0)$, or $\models (\mathfrak{X}(a) \sim a)$, or $\models (\mathfrak{X}(a) \sim \neg a)$, or $\models (\mathfrak{X}(a) \sim \forall a)$. Next he investigates the enumeration of G^q , where he introduces the operation Φ , defined on all G^q . Let \mathfrak{X} be any formula of G^q . Then there exists a pure logical formula $\mathfrak{X}_o(p_1, \dots, p_r, z_1, \dots, z_k)$, which satisfies the following: 1) Variables p_i ($i = 1, \dots, r$) do not appear in \mathfrak{X} ; 2) \exists formulae $\mathfrak{X}_o(\mathfrak{X}_i)$ ($i = 1, \dots, r$) such that

$$\mathfrak{X} = \mathfrak{X}_o(\varphi(\mathfrak{X}_1), \dots, \varphi(\mathfrak{X}_r), z_1, \dots, z_k). \quad (1)$$

Assume $\Phi[\mathfrak{X}] = \mathfrak{X}_o(p_1, \dots, p_r, z_1, \dots, z_k)$. If \mathfrak{X} is a pure logical formula, then $\Phi[\mathfrak{X}] \equiv \mathfrak{X}$. A strict correspondence between the variables p_i ($i = 1, 2$) and formulae of the type $\varphi(\mathfrak{X})$ is assumed, and when Φ operates on \mathfrak{X} , p_i ($i = 1, 2, \dots$) are absent from \mathfrak{X} .

The following properties of Φ are stated, if \boxplus means \wedge , \vee or \supset

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S/550/60/009/000/003/008
D218/D305

On the completeness of enumerations ...

additional operations φ . Theorem III: a) Every enumeration H_i is complete. b) It is not possible to add the axiomatic scheme $(\varphi(x) \sim \neg \varphi(x))$ where $\varphi(x)$ - an arbitrary formula of pure logic to the axioms of H_i , without obtaining a contradiction. c) Two systems H_i and H_j ($i \neq j$) together produce a contradictory system. The proof of the above theorem contains 6 lemmas. Finally the author gives an example of the enumeration H which is a member of T_q , is non-contradictory, contains a single valued axiom and defines a new additional operation. H is said to contain T-axioms and the following φ -axioms: (1), (2), (3) and it is shown that H is non-contradictory. There are 3 Soviet-bloc references.

SUBMITTED: October 6, 1959

Card 6/6

SMETANICH, Ya.S.

Example of a homogeneous group with an insolvable word identity
problem. Uch. zap. MGPI no.188:190-201 '62. (MIRA 16:9)
(Groups, Theory of) (Mathematical linguistics)

LEVIN, M.S., kand. tekhn. nauk; SMETANICH, Ya.S., kand. fizik-matematich.
nauk; GRIMBLIT, I.B., inzh.; YEVSTIGNEYEV, L.P., inzh.

Economic evaluation of the configuration of a power distribution
network using an electronic digital computer. Elek. sta. 34 no.5:
(MIRA 16:7)
51-54 My '63.

(Electric power distribution)
(Electronic digital computers)

ALIMAMEDOV, M.B.; SMETANICH, Ya.S., kand. fiz.-mat. nauk; YAKOBS, A.I.,
kand. tekhn.nauk

Numerical method for calculating the dynamics of moisture by
depth of uniform soil layers. Dokl. Akad. sel'khoz. nauk
no.10:43-47 O '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii
sel'skogo khozyaystva.

Smetanin, A.A.

128-58-6-1/17

AUTHOR: Smetanin, A.A., engineer

TITLE: Malleable Cast Iron Must Receive Wide Application (Kovkiy chugun dolchen poluchit' shirokoye primeneniye)

PERIODICAL: Liteynoye Proizvodstvo, 1958, Nr 6, p 1 (USSR)

ABSTRACT: The author states that castings of malleable black-core cast iron, costing 1.5 to 2 times less than steel, are little used in the USSR, although their mechanical properties, machinability, and corrosion resistance are such that they can successfully replace steel in many applications. An example of the situation is that automobile jack screws are being made of malleable cast iron, while large quantities of jack screws for the coal industry are being made of low-carbon steel. There are more such examples which prove that designers do not know the properties of malleable cast iron, and that not enough of it is produced. In 1956, the ratio of Soviet production of malleable cast iron castings to steel castings was 1:6.5 as compared to 1:2 in the US. The author thinks that research on malleable cast iron must be intensified and its production increased.

AVAILABLE: Library of Congress
Card 1/1 1. Cast iron-Applications 2. Cast iron-USSR

SMETANIN, A.

Sokratit' poroshnyi probeg vagonov. *(Cutting down the run of empty cars)*. (Zhel-dor. transport, 1948, no. 10, p. 29-34).
DLC: HE7.25

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress
Reference Department, Washington, 1952, Unclassified.

SNETANIN, A., inzh.

Organizing the transportation of agricultural machinery. Zhel.
dor. transp. 36 no.6:37-42 Je '55. (MIRA 12:1)
(Railroads--Freight) (Agricultural machinery--Transportation)

SMETANIN, A.I., inzhener.

Methods of improving the utilization of gondola cars in transporting freight. Zel.dor.transp. 39 no.4:8-12 Ap '57.
(MLRA 10:5)

(Railroads--Freight cars)

AL'TERMAN, Semen L'vovich; SMETANIN, Aleksandr Ivanovich; BOBROVA, Ye.N.,
tekhn.red.

[Establishment of standards for railroading operations]
Tekhnicheskoe normirovanie ekspluatatsionnoi raboty zheleznykh
dorog. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 348 p.
(Railroads--Management) (MIRA 11:12)

SMETANIN, A.I., inzh.

Further improvement in planning for freight transportation.
Zhel.-dor.transp. 41 no.9:26-29 S '59. (MIRA 13:2)
(Railroads--Freight)

ZELENSKIY, Yuriy Ivanovich; TIKHOMIROV, Pavel Sergeyevich; SMETANIN,
A.I., red.; BOBROVA, Ye.N., tekhn.red.

[Organization of the operation of a railroad division] Organizatsiya raboty otdeleniya dorogi. Moskva, Vses.izdatel'sko-poligr.
ob'edinenie M-va putei soobshcheniya, 1960. 226 p.

(MIRA 13:11)

(Railroads--Management)

SMETANIN, A.I.

Railroad electrification and the efficient use of "intervals" in
train sheets. Zhel.dor.transp. 42 no.8:46-47 Ag '60.
(MIRA 13:8)

(Grain--Transportation)

SMETANIN, Aleksandr Ivanovich; KOKOULIN, I.I., red.; USENKO, L.A., tekhn.
red.

[Railroad stations of communist labor] Zheleznodorozhnye stantsii
kommunisticheskogo truda. Moskva, Vses.izdatel'sko-poligr. ob"edi-
nenie M-va putei soobshcheniya, 1961. 69 p. (MIRA 14:12)
(Railroads—Stations)

AL'TERMAN, Semen L'vovich; SMETANIN, Aleksandr Ivanovich; MEL'NIK, A.L.,
kand.tekhn.nauk, retsenzent; SUKACHEV, V.V., inzh., retsenzent;
TSARENKO, A.P., inzh., red.; MEDVEDEVA, M.A., tekhn.red.

[Organizing work with local cars] Organizatsiya raboty s mestnymi
vagonami. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei
soobshcheniiia, 1961. 174 p. (MIRA 14:6)

(Railroads—Management)

(Railroads—Freight)

SMETANIN, A.I., inzh.

Possibilities of a further cut of the idle time of cars. Zhel.-
dor.transp. 44 no.4:19-25 Ap '62. (MIRA 15:4)
(Railroads--Freight cars)

SMETANIN, A. I., insh.

Potentials of a further increase in the labor productivity
of train operation personnel. Zhel. dor. transp. 45 no.1:
14-19 Ja '63. (MIRA 16:4)

(Railroads—Management)

SMETANIN, A.I., inzh.

Ways to increase the run distance of car flows in transit. Zhel.dor.
transp. 45 no.9:25-29 S '63. (MIRA 16:9)
(Railroads--Traffic)

ZAGLYADIMOV, Dmitriy Petrovich; PETROV, Aleksandr Petrovich;
SERGEYEV, Yevgeniy Stepanovich; AKHREMOVICH, L.K.,
retsenzent; VARGIN, S.N., retsenzent; YERMAKOV, A.A.,
retsenzent; KOZAK, V.A., retsenzent; MODZOLEVSKIY,
I.V., retsenzent; PERSHIN, B.F., retsenzent; PIVENSHEYN,
D.I., retsenzent; PROKOF'YEV, A.G., retsenzent; SMETANIN,
A.I., retsenzent; SHESTAKOV, A.I., retsenzent; RYSHUK,
N.S., red.

[Organization of traffic in railroad transportation] Orga-
nizatsiya dvizheniya na zheleznodorozhnom transporte.
Izd.4. Moskva, Transport, 1964. 542 p. (MIRA 18:1)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2

СМЕТАНИН, А.Л., инzh.

Efficient utilization of routes for the direction of car flows.
Zhel.dor.transp. 47 no.10:14-18 0 '65.

(MIRA 18:10)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2"

SMETANIN, A. P.

Smetanin, A. P. -- "The Influence of External Conditions on the Formation of the Panicle and the Flowering of Rice." Moscow Order of Lenin State U imeni M. V. Lomonosov, All-Union Rice Experimental Station, Krasnodar, 1955 (Dissertation for the Degree of Candidate in Biological Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104

USSR / Cultivated Plants. Grains. Legumes. Tropical M-1
Cereals.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6242

Author : Smetanin, A. P.
Inst : Kuban' Rice Experimental Station
Title : Contribution to the Methods of Castration of
Rice Flowers

Orig Pub : V sb.: Kratkiye itogi nauchno-izsled. raboty
(Kubansk. ris. opytn. st.) za 1956 g.,
Krasnodar, "Sov. Kuban'", 1957, 99-103

Abstract : An experiment was carried out under field conditions with the Krasnodarskiy 424 and VROS 213 varieties in order to establish the causes of low germination of seeds when hybridization of rice is carried out. The flower scales were forced open by putting straws among them

Card 1/3

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APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86T00513R001651420019-2 M-1

USSR / Cultivated Plants. Grains. Legumes. Tropical M-1
Cereals.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6242

during the formation of panicles in the Krasnodarskiy 424 variety; spikelets opened before, during and after blooming. The flower scales on the VROS 213 variety were cut off, as in usual castration. When the flower is forced open, ovary growth stops early and only an insignificant part of the ovaries ripens. The spikelets of the lower part of the panicle suffer most from these unfavorable conditions. When castration is carried out by cutting off the flower scales, the destruction of ovaries goes on during the whole time of the development of the seed vessel. If the flower scales are cut before the beginning of the period of blooming, most ovaries are 1.5 mm large; the number of ovaries

Card 2/3

USSR / Cultivated Plants. Grains. Legumes. Tropical M-1

SMETANIN, A.P.

Causes of empty hulls in rice. Agrobiologiya no.1:141-143
(MIRA 12:4)
Ja-F '59.

1. Kubanskaya risovaya optytnaya stantsiya, g. Krasnodar.
(Rice)

SMETANIN, A.P. (Krasnodar)

Effect of temperature and light in intensity on panicle formation in rice. (*Oryza sativa L.*). Bot.shur. 44 no.8:1134-1141
Ag '59. (MIRA 13:2)

(Rice) (Plants, Effect of temperature on)
(Plants, Effect of light on) (Inflorescence)

SMETANIN, A.P., kand. sel'khoz. nauk; KIRICHENKO, K.S., kand.
sel'khoz. nauk; ZAYTSEV, V.B., kand. sel'khoz. nauk;
ALEKSANDROV, M.A.; ORLOVA, V.P., red.

[Rice cultivation on the "Slavianskii" State Farm; based
on experience with M.E.Baranova's group] Vozdelyvanie ri-
sa v sovkhoze "Slavianskii"; na opyte zvena M.E.Baranovoi.
Moskva, Kolos, 1965. 129 p. (MIRA 18:7)

SMETANIN, A.P....

Bases for stable rice crops. Zemlecelie 27 no.3:35-39
Mr '65. (MIRA 19:1)

1. Direktor Kubanskoy risovoy opytnoy stantsii.

SMETANIN, A.V.

Stalin's concern for the flourishing of Soviet science and
technology. Gor. khoz. Mosk. 25 no.3:14-16 Mr '51. (MLRA 7:10)
(Stalin prizes)

SMETANIN, A.V.

The development and renovation of Moscow in the period of
large-scale building of communism. Gor. khoz. Mosk. 36
no.9:6-10 S '62. (MIRA 15:10)
(Moscow—City planning)

SMETANIN, B.Y.

Syringe of continuous flow for local anesthesia and aspiration. Khirurgii.,
Moskva no.3:76-77 Mar 1952. (CLML 22:1)

1. Candidate Medical Sciences. 2. Of the Faculty Surgical Clinic of the
Pediatric Faculty (Director -- Honored Worker in Sciences RSFSR Prof.
I. V. Domrachev), Kazan' Medical Institute.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2

MIKHAYLOV, V.K.; SMETANIN, B.F.; BLAGOVIDOV, D.F.

I.V. Domrachev. Khirurgija, Moskva, No. 4:78-80 Ap '50. (CLML 19:2)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2

1. APPROVAL

Approved by the Director of Central Intelligence and submitted. "Inventory, No. 3,
March 1977."

Mention List of Russian Acquisitions, Library of Congress, Report 1976. UNCLASSIFIED.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2"

Санкт-Петербург

BLAGOVICH D. P., MIKHAILOV V. K., SMETANIN D. F.

I.V. Donskachov. Khirurgia, Moscow No. 4 Apr 50 p. 78-80.

KAI

CLML 19, 2, Aug. 50

SMETANIN, B.F., assistent

Dermoid cyst of the abdominal cavity. Kaz. med. zhur. no.2:67
Mr-Ap '62. (MIRA 15:6)

1. Gospital'naya khirurgicheskaya klinika pediatriceskogo
fakul'teta (zav. - prof. I.V. Domrachev [deceased]) Kazanskogo
meditsinskogo instituta.

(CYSTS)
(ABDOMEN--TUMORS)

MIKHAYLOVA, O.V.; SMETANIN, B.F.

X-ray therapy of postoperative duodenal fistulae. Kaz.med.zhur.
no.3:60-61 My-Je '62. (MIFA 15:9)

1. Kafedra gospital'noy khirurgii pediatricheskogo fakul'teta
(zav. - prof. I.V.Domrachev [deceased]) i kafedra rentgenologii i
radiologii (zav. - prof. M.I.Gol'dshteyn) Kazanskogo meditsinskogo
instituta.

(FISTULA) (X RAYS--THERAPEUTIC USE)

SMETANIN, I.A.

Absorption capacity of A.V. Vlasovskii's recurrent peritoneal drainage.
Ekspер. kir. i anest. v no.21405. Je-F 161.

(MIRA 17-12)

I. Kafeira gospitallinoj khirurgii No.2 (zav. - prof. N.P. Medvedev)
Kazanskogo meditsinskogo instituta.

L 4043-66 EWT(d)/EWT(m)/EWP(w)/EWP(t)/EWP(k)/EWP(b)/T EM/JD/RM
ACCESSION NR: AP5021312 UR/0040/65/029/004/0782/0785

AUTHORS: Aleksandrov, V. M. (Rostov-na-Donu); Smetanin, B. I. (Rostov-na-Donu)

TITLE: Equilibrium fracture in a layer of small thickness

SOURCE: Prikladnaya matematika i mehanika, v. 29, no. 4, 1965, 782-785

TOPIC TAGS: laminated material, sandwich structure, material separation, material failure, crack propagation

ABSTRACT: The planar and axially symmetric problems on equilibrium fracture in a thin layer are studied. The layer is compressed between two smooth, stiff bases, and the fracture (symmetrical relative to the edge of the layer) is held open by forces applied to the layer's surface. The problem involves determining the fracture function $\gamma(x)$ from the integral equation

$$\int_{-h}^h \tau(\xi) M\left(\frac{\xi-x}{h}\right) d\xi = -\frac{q(x)}{h} \gamma'(x), \quad |x| \leq h, \quad \left(A = \frac{E}{2(1-\nu^2)} \right),$$

where $2h$ is the thickness of the layer, $q(x)$ is the normal force function, E and ν are elastic constants, and M is a function given by

Card 1/3

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B

L 403-66

ACCESSION NR: AP5021312

$$M(t) = - \int M(u) \cos(\omega u) du \left(e^{i\omega t} \frac{e^{-i\omega t}}{t} \right), \quad L(u) = \frac{e^{i\omega u} + e^{-i\omega u}}{2}.$$

Combining the equations and integrating by parts yields the expression

$$\int \left[\frac{1}{2} \partial_x \left(\frac{\partial \psi}{\partial x} \right) R - \frac{\partial \psi}{\partial x} \right],$$

from which one obtains the asymptotic solution

$$\psi \sim \alpha \left(\frac{x+t}{t} \right) - \beta \left(\frac{x-t}{t} \right),$$

This solution is applicable for small values of the parameter $\lambda = h/a$. The parameter $\lambda(t)$ is found from the Kinner-Fox equation (see B. N. Datta, Matematicheskaya teoriya razrusheniya trubochin, stremyushchikhsya pri knupkakh razrusheniia, FIZ, 1961, No. 4). Approximate forms of the functions $L(u)$ and $\psi(t)$ are developed, and the general form of the desired function $\psi(x)$ is derived. The half-length of the fracture is found by a method proposed by O. I. Baranovskii (Matematicheskaya teoriya razrusheniya trubochin, stremyushchikhsya pri knupkakh razrusheniia, FIZ, 1961, No. 4). The solution for a longitudinal fracture is followed by an analogous solution and discussion of the case of a fracture which is symmetric about a central axis. The parameter found in the latter case is the radius of the equilibrium fracture. Orig. ext. has: 27 equa-

Cont 2/3

L 4043-66

ACCESSION NR: AP5021312

ASSOCIATION: none

SUBMITTED: 18Mar65

ENCL: 00

SUB CODE: AS, MT

NO REF SOV: 006

OTHER: 001

Card 3/3 6P

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2

SMETANIN, N. I.

Radio designers. Moskva, Gos. energet. Izd-vo, 1949. 22 p. Messovnauk i bibliotekh,
vyp. 32 (51-22374)

TK9956.364

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420019-2"

SMETANIN, E. V.

USSR/Radio - Receivers, Line

May 51

"The Two-Ban 1-V-2 Receiver," B. M. Smetanin, I. V.
Bisenek

"Radio" No 5, pp 32-35

Describes simple 3-tube line receiver using 1-V-2 circuit (one rf amplification stage, detector stage and 2 af amplification stages). Long (720-2,000 m) and medium (250-600 m) wave bands. Sensitivity same as 3d class superhet. Tubes used are 6SG7 or 6SK7 (rf amplifier) 6H85 or 6N7 twin triode (detector and 1st of amplifier), and 6V6 beam power amplifier (output stage). Autotransformer-selenium rectifier power pack. Output power - 3 w.

182T107

SMETANIN, B.

PA 190T99

USSR/Radio - Receivers

Jun 51

"A Simple Superheterodyne Receiver," B. Smetanin,
V. Letunov
"Radio" No 6, pp 24-27

Describes construction, circuit, and tuning of
superheterodyne receiver for amateur novice. Has
long- (700-2,000 m), medium- (250-550 m), and
short- (25-60 m) wave bands. Uses 6A8, 1st
detector and converter, 6K3 (6SK7), i-f amplifier,
6G2 (6SQ7), 2d detector, avc detector, and pre-
liminary af amplifier, and 6P6S (6V6) output tube.
Output power is 2.5 w.

190T99

CHETANIN, B.

Radio - Receivers and Reception

Superheterodyne from factory parts.
Radio, no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952 ~~1953~~, Uncl.